

| U.S. Department of Commerce, Patent and Trademark Office  |                 |  |                 | Attorney Docket No. | Serial No. |          |                            |                          |
|---|-----------------|--|-----------------|---------------------|------------|----------|----------------------------|--------------------------|
|   |                 |  |                 | BP 3247             | 10/685,136 |          |                            |                          |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT<br><i>(use several sheets if necessary)</i>   |                 |  |                 | Applicant(s)        |            |          |                            |                          |
|   |                 |  |                 | Joseph B. Rowlands  |            |          |                            |                          |
|   |                 |  |                 | Filing Date         | Group      |          |                            |                          |
|   |                 |  |                 | October 14, 2003    | 2182       |          |                            |                          |
| U.S. Patent Documents   |                 |  |                 |                     |            |          |                            |                          |
| *Examiner Initial   |                 | Document Number  | Date            | Name                | Class      | Subclass | Filing Date If Appropriate |                          |
| /TQN/   | AA              | 6,185,520  | 02/06/01        | Brown et al.        |            |          |                            |                          |
|   | AB              | 6,298,370  | 10/02/01        | Tang et al.         |            |          |                            |                          |
|   | AC              | 6,266,731  | 07/24/01        | Riley et al.        |            |          |                            |                          |
|   | AD              | 6,195,739  | 02/27/01        | Wright et al.       |            |          |                            |                          |
|   | AE              | 6,138,217  | 10/24/00        | Hamaguchi           |            |          |                            |                          |
|   | AF              | 6,128,728  | 10/03/00        | Dowling             |            |          |                            |                          |
|   | AG              | 6,108,739  | 08/22/00        | James et al.        |            |          |                            |                          |
|   | AH              | 6,094,715  | 07/25/00        | Wilkinson et al.    |            |          |                            |                          |
|   | AI              | 6,009,426  | 12/28/99        | Jouenne et al.      |            |          |                            |                          |
|   | AJ              | 5,963,745  | 10/05/99        | Collins et al.      |            |          |                            |                          |
| ▼   | AK              | 5,805,590  | 09/08/98        | Gillard et al.      |            |          |                            |                          |
| Foreign Patent Documents  |                 |  |                 |                     |            |          |                            |                          |
|   |                 | Document   | Date            | Country             | Class      | Subclass | Translation                |                          |
| /TQN/   | AL              | 777 179  | 05/15/02        | EP                  |            |          | <input type="checkbox"/>   | <input type="checkbox"/> |
|   | AM              | 00/38069   | 06/29/00        | WO                  |            |          | <input type="checkbox"/>   | <input type="checkbox"/> |
|   | AN              | 893 766  | 01/27/99        | EP                  |            |          | <input type="checkbox"/>   | <input type="checkbox"/> |
|   | AO              | 199 07 200   | 09/02/99        | DE                  |            |          |                            | X                        |
| ▼   | AP              | 920 157  | 11/26/98        | EP                  |            |          |                            | X                        |
| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  |                 |  |                 |                     |            |          |                            |                          |
| /TQN/   | AR              | Giorgi et al., "PSCR: A Coherence Protocol for Eliminating Passive Sharing in Shared-Bus Shared-Memory Multiprocessors; IEEE Transactions on Parallel and Distributed Systems; Vol. 10, No. 7, July 1999 |                 |                     |            |          |                            |                          |
|   | AS              | European Search Report for EP Application No. 02025691.3 Broadcom Corp.  |                 |                     |            |          |                            |                          |
|   | AT              | Intel "21143 PCI/CardBus 10/100Mb/s Ethernet LAN Controller," Hardware Reference Manual, Revision 1.0, October 1998, 219 pages   |                 |                     |            |          |                            |                          |
| ▼   | AU              | Tom R. Halfhill, "SiByte Reveals 64-Bit Core for NPUs; Independent MIPS64 Design Combines Low Power, High Performance," Microdesign Resources, June 2000, Microprocessor Report, 4 pages.                |                 |                     |            |          |                            |                          |
| Examiner  | /Tanh Q Nguyen/ |  | Date Considered |                     | 04/05/2007 |          |                            |                          |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant. |                 |  |                 |                     |            |          |                            |                          |

|  |  |                     |            |
|--|--|---------------------|------------|
| U.S. Department of Commerce, Patent and Trademark Office                               |  | Attorney Docket No. | Serial No. |
|  |  | BP 3247             | 10/685,136 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) |  | Applicant(s)        |            |
|  |  | Joseph B. Rowlands  |            |
|  |  | Filing Date         | Group      |
|  |  | October 14, 2003    | 2182       |

| U.S. Patent Documents |    |                 |          |                |       |          |                            |
|-----------------------|----|-----------------|----------|----------------|-------|----------|----------------------------|
| *Examiner Initial     |    | Document Number | Date     | Name           | Class | Subclass | Filing Date If Appropriate |
| /TQN/                 | AA | 5,764,895       | 06/09/98 | Chung          |       |          |                            |
| ↓                     | AB | 5,644,753       | 07/01/97 | Ebrahim et al. |       |          |                            |
| ↓                     | AC | 4,788,679       | 11/29/88 | Kataoka et al. |       |          |                            |
|                       | AD |                 |          |                |       |          |                            |
|                       | AE |                 |          |                |       |          |                            |
|                       | AF |                 |          |                |       |          |                            |
|                       | AG |                 |          |                |       |          |                            |
|                       | AH |                 |          |                |       |          |                            |
|                       | AI |                 |          |                |       |          |                            |
|                       | AJ |                 |          |                |       |          |                            |
|                       | AK |                 |          |                |       |          |                            |

| Foreign Patent Documents |    |          |          |         |       |          | Translation              |                                     |
|--------------------------|----|----------|----------|---------|-------|----------|--------------------------|-------------------------------------|
|                          |    | Document | Date     | Country | Class | Subclass | Yes                      | No                                  |
| /TQN/                    | AL | 98/15155 | 04/09/98 | WO      |       |          | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| /TQN/                    | AM | 265 636  | 10/03/86 | EP      |       |          | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|                          | AN |          |          |         |       |          | <input type="checkbox"/> | <input type="checkbox"/>            |
|                          | AO |          |          |         |       |          |                          |                                     |
|                          | AP |          |          |         |       |          |                          |                                     |

| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) |    |   |
|--|----|---|
| /TQN/  | AR | SiByte, "The Mercurian Processor," <a href="http://sibyte.com/mercurian">http://sibyte.com/mercurian</a> , January 15, 2001, 2 pages. |
| ↓  | AS | SiByte, "Fact Sheet," SB-1 CPU, October 2000, rev. 0.1, 1 page.   |
| ↓  | AT | SiByte, "Fact Sheet," SB-1250, October 2000, rev. 0.2, 10 pages.  |
| ↓  | AU | Stepanian, SiByte, "SiByte SB-1 MIPS64 CPU Core, Embedded Processor Forum 2000, June 13, 2000, 15 pages.                              |

Examiner /Tanh Q Nguyen/ Date Considered 04/05/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

|  |  |  |            |
|--|--|--|------------|
| U.S. Department of Commerce, Patent and Trademark Office                               |  | Attorney Docket No.                    | Serial No. |
|  |  | BP 3247                                | 10/685,136 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) |  | Applicant(s)<br><br>Joseph B. Rowlands |            |
|  |  | Filing Date                            | Group      |
|  |  | October 14, 2003                       | 2182       |

## U.S. Patent Documents

| *Examiner Initial |    | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
|-------------------|----|-----------------|------|------|-------|----------|----------------------------|
|                   | AA |                 |      |      |       |          |                            |
|                   | AB |                 |      |      |       |          |                            |
|                   | AC |                 |      |      |       |          |                            |
|                   | AD |                 |      |      |       |          |                            |
|                   | AE |                 |      |      |       |          |                            |
|                   | AF |                 |      |      |       |          |                            |
|                   | AG |                 |      |      |       |          |                            |
|                   | AH |                 |      |      |       |          |                            |
|                   | AI |                 |      |      |       |          |                            |
|                   | AJ |                 |      |      |       |          |                            |
|                   | AK |                 |      |      |       |          |                            |

## Foreign Patent Documents

|  |    | Document | Date | Country | Class | Subclass | Translation                                       |
|--|----|----------|------|---------|-------|----------|---|
|  | AL |          |      |         |       |          | <input type="checkbox"/> <input type="checkbox"/> |
|  | AM |          |      |         |       |          | <input type="checkbox"/> <input type="checkbox"/> |
|  | AN |          |      |         |       |          | <input type="checkbox"/> <input type="checkbox"/> |
|  | AO |          |      |         |       |          |   |
|  | AP |          |      |         |       |          |   |

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|       |    |   |
|-------|----|---|
| /TQN/ | AR | Jim Keller, "The Mercurian Processor: A High Performance, Power-Efficient CMP for Networking," October 10, 2000, 22 pages.  |
| ↓     | AS | SiByte, "Target Applications," <a href="http://sibyte.com/mercurian/applications.htm">http://sibyte.com/mercurian/applications.htm</a> , January 15, 2001, 2 pages. |
| ↓     | AT | SiByte, "SiByte Technology," <a href="http://sibyte.com/mercurian/technology.htm">http://sibyte.com/mercurian/technology.htm</a> , January 15, 2001, 3 pages.       |
|       | AU |   |

Examiner /Tanh Q Nguyen/ Date Considered 04/05/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.